

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120615\
 Data File : BM003382.D
 Acq On : 06 Dec 2015 10:58
 Operator : UM/IZ
 Sample : G4664-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5E76MS

Quant Time: Dec 07 04:22:20 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM120115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 04:19:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	65981	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	307477	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	182875	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	392477	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	339291	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	315212	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	2681	2.02	ng/uL	0.00
5) Phenol-d5	6.89	99	48180	9.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	121246	41.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	146716	33.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	94112	21.30	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	90951	43.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	95601	43.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	162126	37.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	4140	0.84	ng/ul	0.00
44) Dimethylphthalate-d6	13.78	166	589494	42.88	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	710788	42.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	16647	6.76	ng/ul	0.00
58) Fluorene-d10	15.37	176	505195	42.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	71430	35.57	ng/ul	0.00
71) Anthracene-d10	17.22	188	745329	42.74	ng/ul	0.00
79) Pyrene-d10	19.52	212	752175	45.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	616256	40.52	ng/ul	0.00

Target Compounds

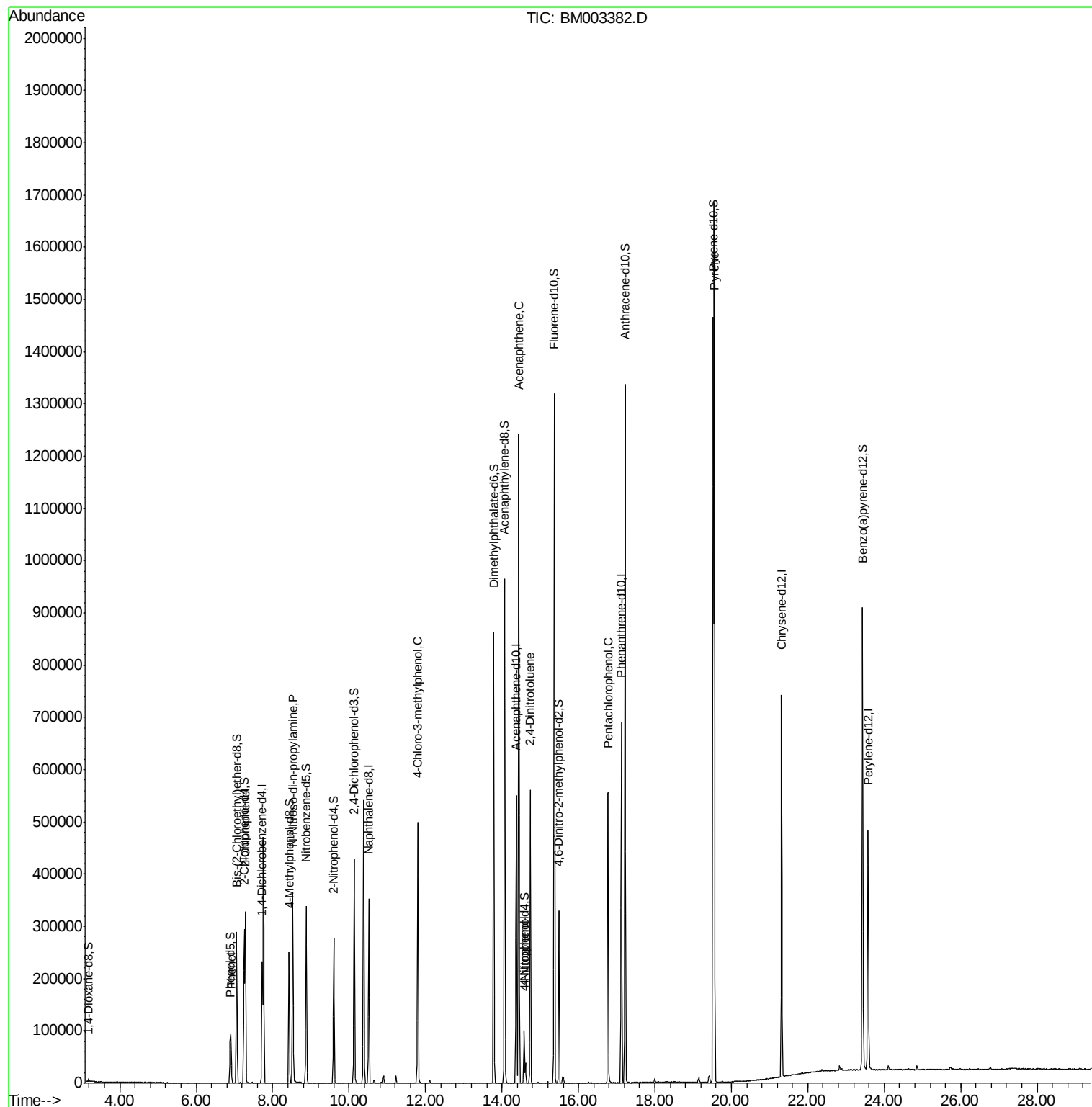
						Qvalue
6) Phenol	6.92	94	55808	10.03	ng/ul	99
10) 2-Chlorophenol	7.29	128	156810	33.99	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.53	70	145693	45.60	ng/ul	99
33) 4-Chloro-3-methylphenol	11.80	107	179484	37.26	ng/ul	99
50) Acenaphthene	14.44	153	505836	41.02	ng/ul	99
53) 4-Nitrophenol	14.59	109	15661	8.11	ng/ul	98
55) 2,4-Dinitrotoluene	14.74	165	161441	42.78	ng/ul	98
69) Pentachlorophenol	16.77	266	94920	39.90	ng/ul	99
80) Pyrene	19.55	202	969080	44.13	ng/ul	99

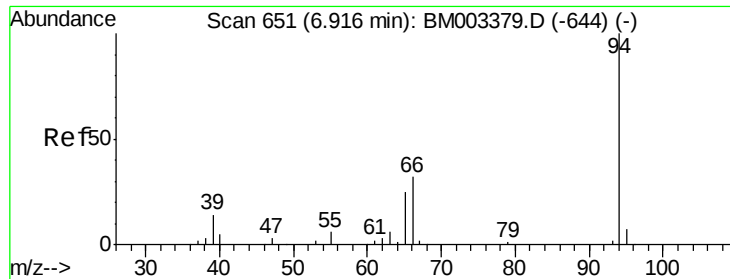
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 04:19:45 2015
Response via : Initial Calibration





#6

Phenol

Concen: 10.03 ng/ul

RT: 6.92 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM003382.D

Acq: 06 Dec 2015 10:58

Instrument :

BNA_M

ClientSampleId :

E5E76MS

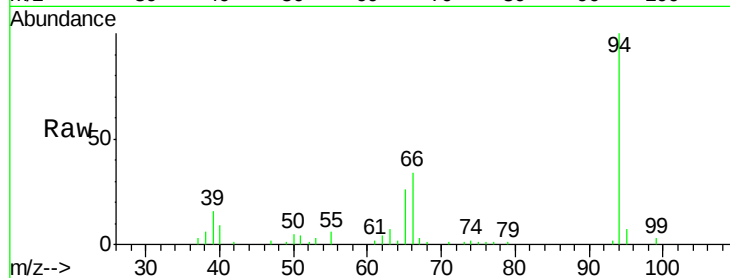
Tgt Ion: 94 Resp: 55808

Ion Ratio Lower Upper

94 100

65 25.7 20.6 30.8

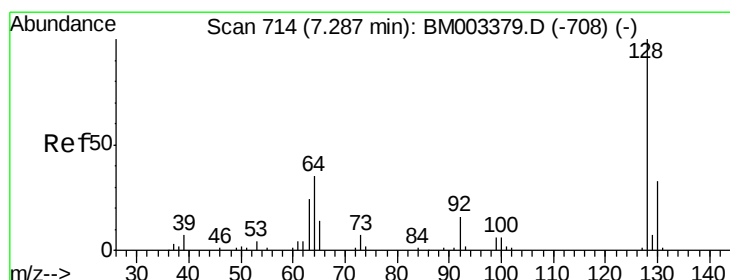
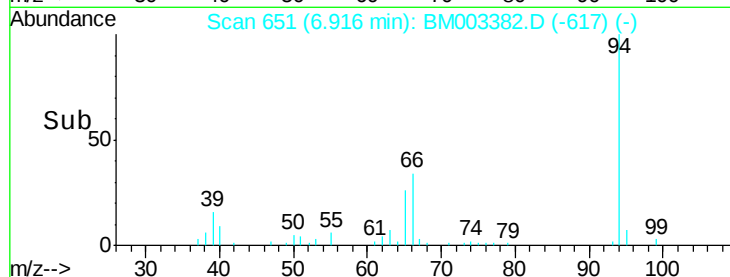
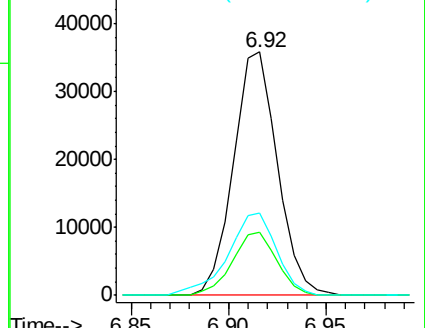
66 33.7 27.4 41.0



Abundance Ion 94.00 (93.70 to 94.70): BM003379.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM003379.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM003379.D (-644) (-)



#10

2-Chlorophenol

Concen: 33.99 ng/ul

RT: 7.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BM003382.D

Acq: 06 Dec 2015 10:58

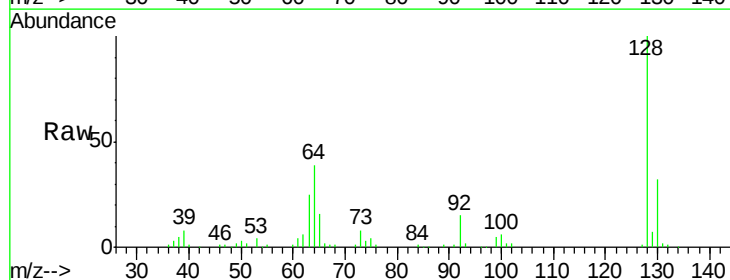
Tgt Ion: 128 Resp: 156810

Ion Ratio Lower Upper

128 100

64 38.6 31.8 47.6

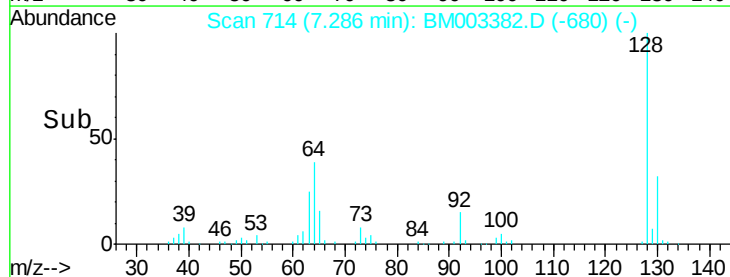
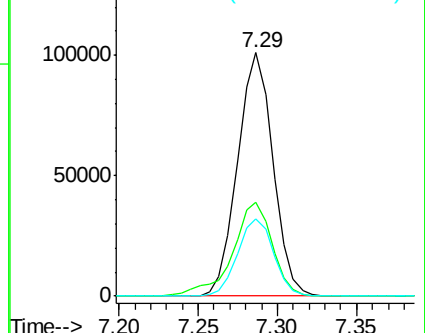
130 31.9 24.9 37.3

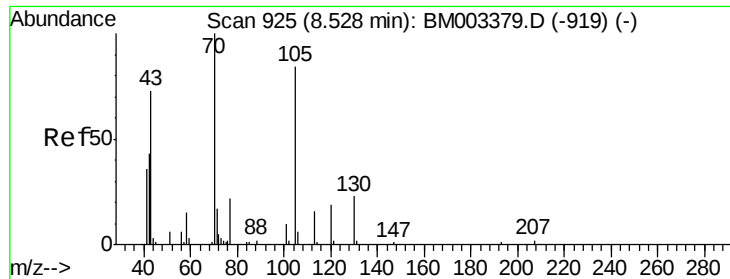


Abundance Ion 128.00 (127.70 to 128.70): BM003379.D (-708) (-)

Ion 64.00 (63.70 to 64.70): BM003379.D (-708) (-)

Ion 130.00 (129.70 to 130.70): BM003379.D (-708) (-)

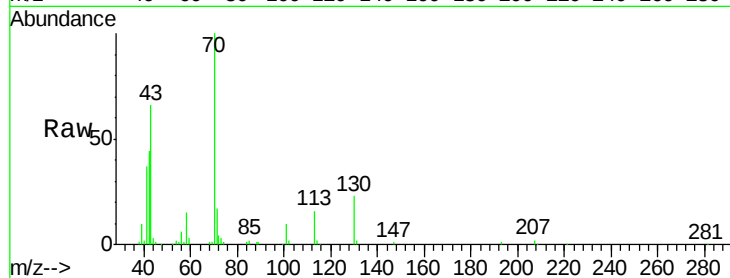




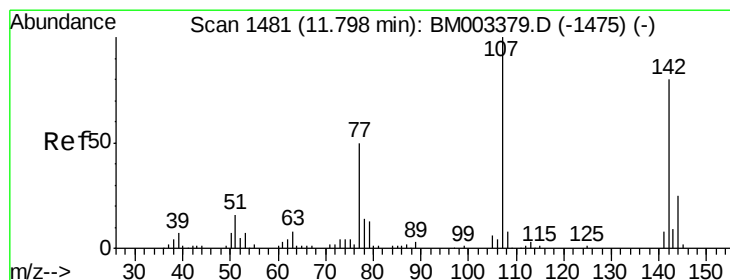
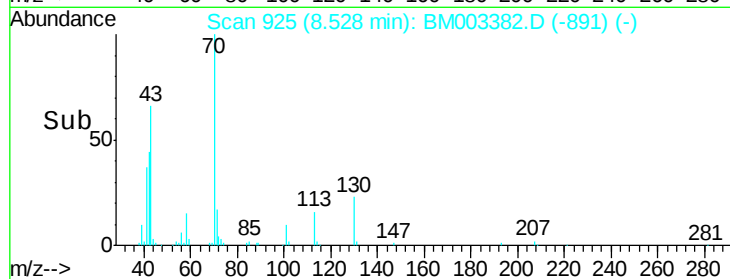
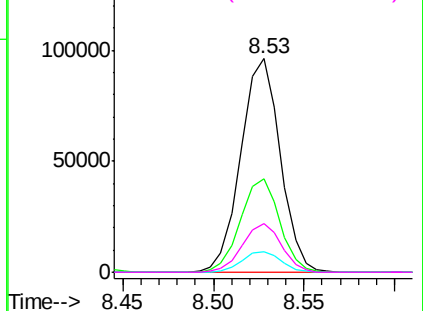
#15
N-Nitroso-di-n-propylamine
Concen: 45.60 ng/ul
RT: 8.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BM003382.D
Acq: 06 Dec 2015 10:58

Instrument :
BNA_M
ClientSampled :
E5E76MS

Tgt Ion:	70	Resp:	145693
Ion	Ratio	Lower	Upper
70	100		
42	43.6	35.0	52.6
101	9.8	8.6	13.0
130	22.5	18.6	27.8

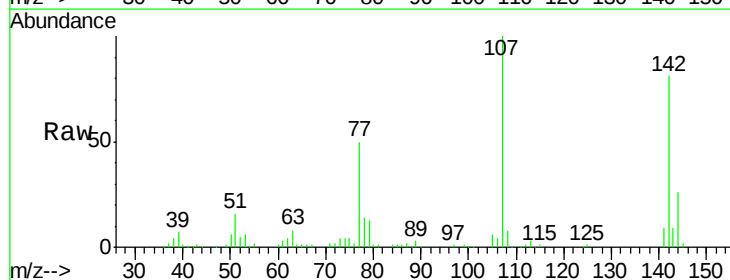


Abundance Ion 70.00 (69.70 to 70.70): BM003382.D (-891) (-)

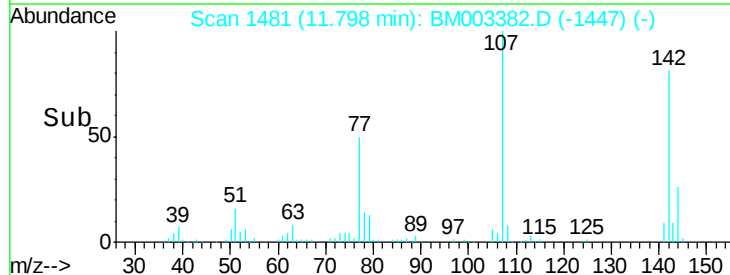
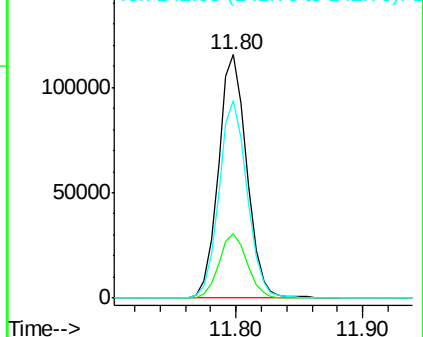


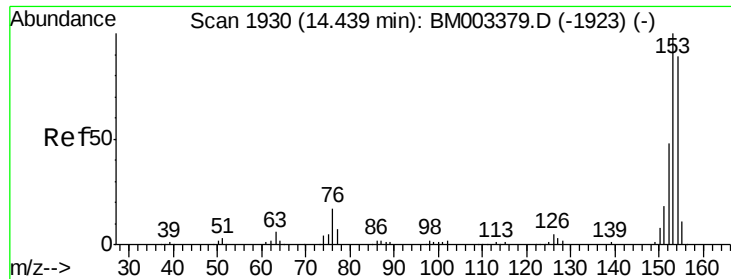
#33
4-Chloro-3-methylphenol
Concen: 37.26 ng/ul
RT: 11.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BM003382.D
Acq: 06 Dec 2015 10:58

Tgt Ion:	107	Resp:	179484
Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.4	32.0
142	81.0	65.6	98.4



Abundance Ion 107.00 (106.70 to 107.70): BM003382.D (-1447) (-)





#50

Acenaphthene

Concen: 41.02 ng/ul

RT: 14.44 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BM003382.D

Acq: 06 Dec 2015 10:58

Instrument :

BNA_M

ClientSampleId :

E5E76MS

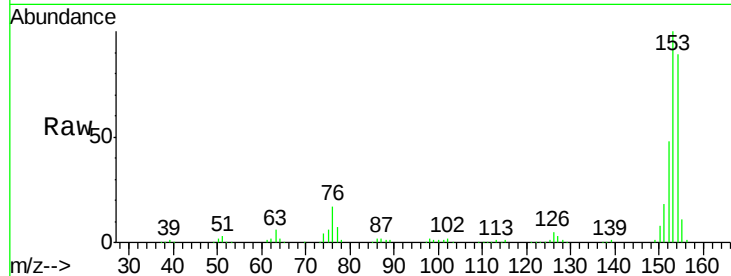
Tgt Ion:153 Resp: 505836

Ion Ratio Lower Upper

153 100

152 47.6 37.8 56.6

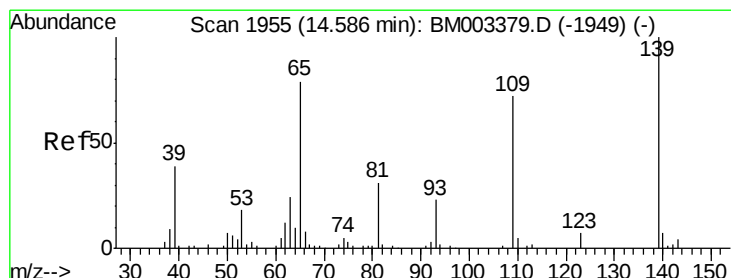
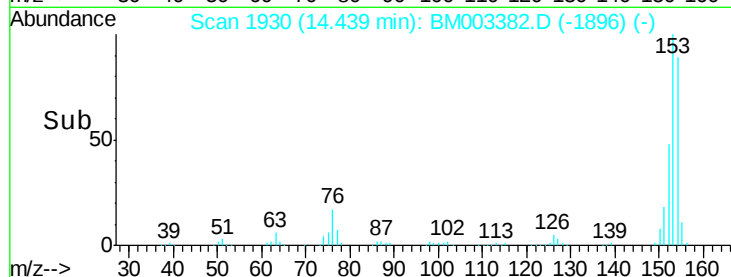
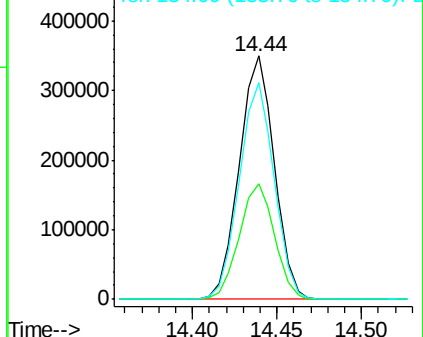
154 89.2 70.8 106.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 8.11 ng/ul

RT: 14.59 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BM003382.D

Acq: 06 Dec 2015 10:58

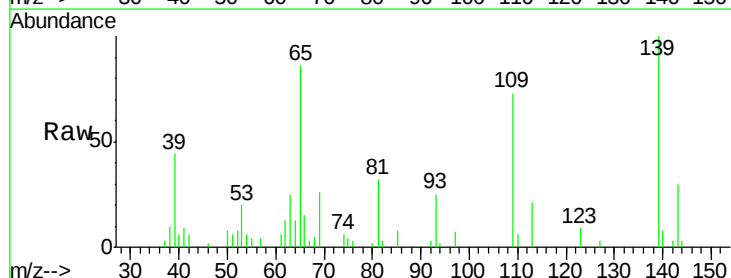
Tgt Ion:109 Resp: 15661

Ion Ratio Lower Upper

109 100

139 136.3 112.5 168.7

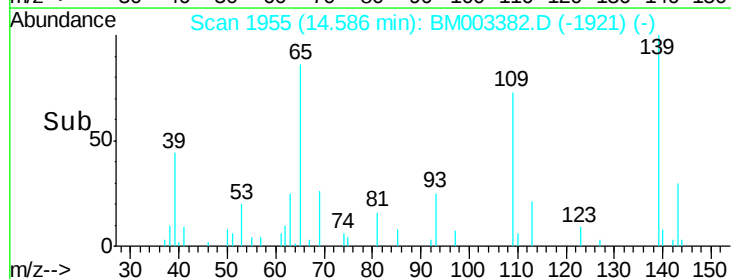
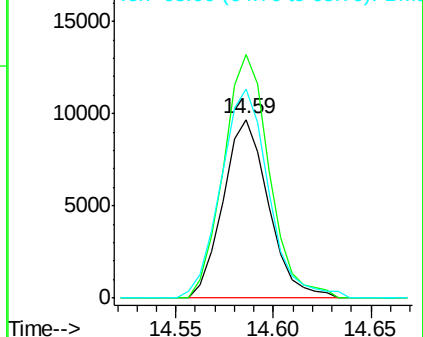
65 117.2 93.2 139.8

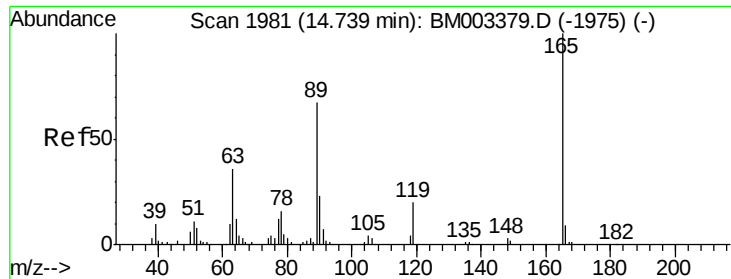


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

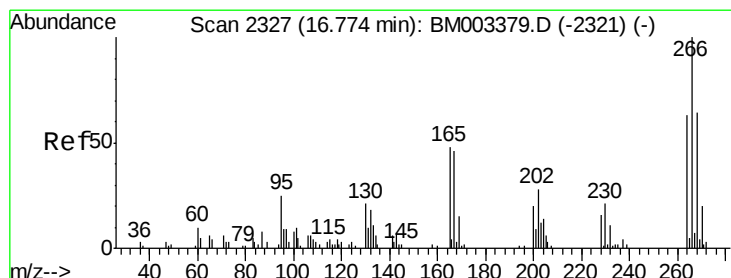
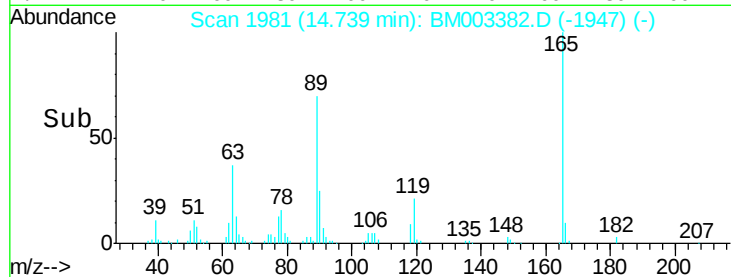
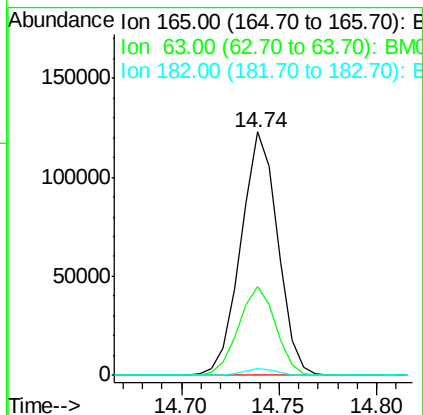
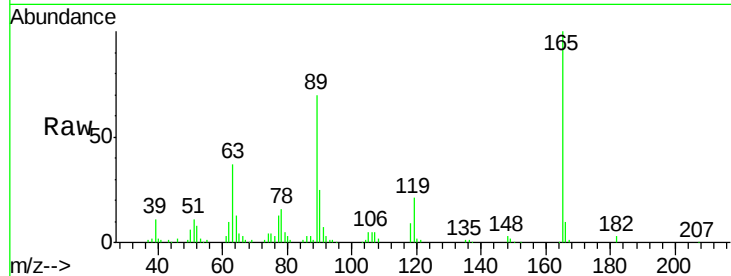




#55
 2,4-Dinitrotoluene
 Concen: 42.78 ng/ul
 RT: 14.74 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BM003382.D
 Acq: 06 Dec 2015 10:58

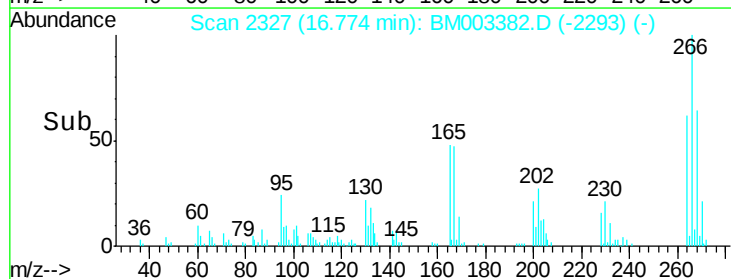
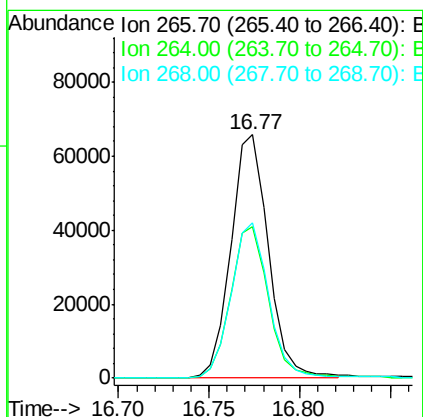
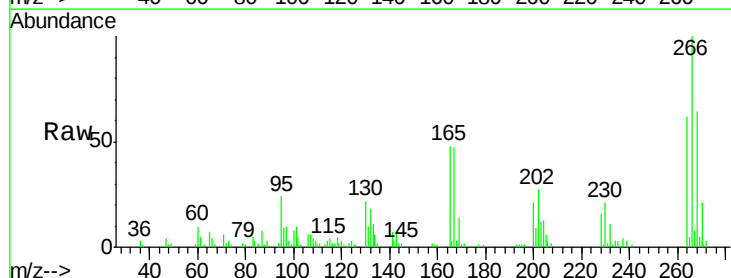
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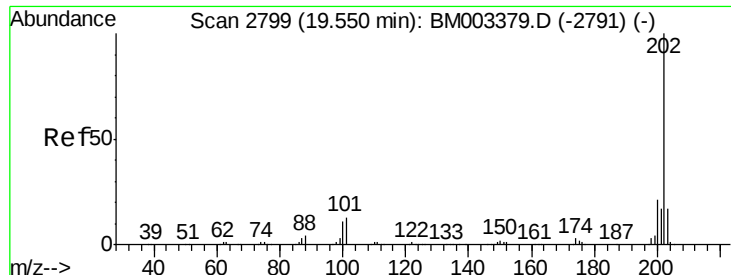
Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.6	28.2	42.2
182	2.6	2.0	3.0



#69
 Pentachlorophenol
 Concen: 39.90 ng/ul
 RT: 16.77 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: BM003382.D
 Acq: 06 Dec 2015 10:58

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.0	50.3	75.5
268	63.7	51.8	77.8

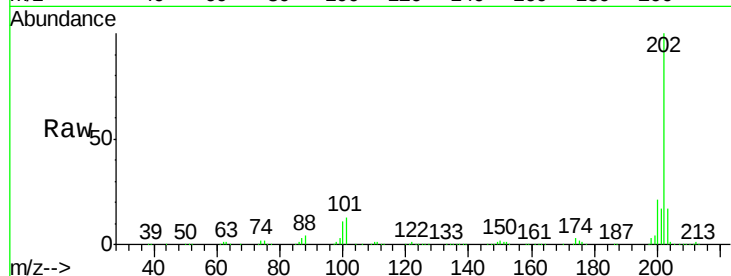




#80
 Pyrene
 Concen: 44.13 ng/ul
 RT: 19.55 min Scan# 2799
 Delta R.T. -0.00 min
 Lab File: BM003382.D
 Acq: 06 Dec 2015 10:58

Instrument :
 BNA_M
 ClientSampleId :
 E5E76MS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.6	16.0
100	10.9	8.5	12.7



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

